

Key West Background Turbidity Field Sheet Station(s) E-KWT03-5

E-KWT03-

Water and Air Research, Inc.
6821 S.W. Archer Road
Gainesville, Florida 32608
Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: EAH CRF MGD
Calibration Date:

Retrieved HYDROLAB # 37356 from Station E-KWT03-5 at 1009 hrs on 10/29/03.
Downloaded File: E-KWT03-5-102703 Checked file content (Y) or N Backed up file (Y) or N
Power losses on WAR Server

HYDROLAB # Deployed at Station E-KWT03- at hrs on / /03.

<u>Turbidity</u>	Time: <u> </u>	<u>Calibration Responses (NTU)</u>				
<u>Calibration</u>	Standard	PreCal	PostCal	ReCal-1	ReCal-2	
(Circulator ON)	DIW or Air	<u>0.5</u>	<u>(End of Monitoring)</u>			
	20 or <u> </u>	<u>22.7</u>				
Check Std	5 or <u> </u> read only	<u>3.9</u>				
<u>50</u>	(must be 3.75 to 6.25 or $\pm(5\%+1\text{NTU})$)		<u>54.3</u>			

Time Check- Hydrolab 13:39:20 Watch 13:39:19 Cleaned sensor: Yes or No
Created New File: E-KWT03- IBP = 10.8 V Battery used up / /03
Programmed to start at hrs on /03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y/N by Cap burped: Y/N by

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Partly Cloudy
Wind Direction: N (NE) E SE S SW W NW Wind Conditions: Calm Slight Breezy (Strong)
Sea State: Calm (Slight) Rough Very Rough Approx. Wave Height: 1-2 ft
Tidal Stage: Falling Slack Low (Rising) Slack High
Water Mass Boundary Present: Y/N
Surface Current Direction (flowing to): N and Speed: mph

Current Monitoring Buoy: DGPS Serial No. <u> </u> Track ID: <u> </u>
Time deployed <u> </u> hrs, Time retrieved <u> </u> hrs Nominal depth to drum top: <u> </u> ft
Obvious Cross Wind or Currents: <u>Y/N</u>

Recent Ship Traffic: Y/N

Other Observations: Removed station

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/EAH/MGD
Calibration Date: 10/27/03

Retrieved HYDROLAB # 41154 from Station E-KWT03-5 at 1038 hrs on 10/27/03.
Downloaded File: E-KWT03-5-102503 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 37356 ~~41154~~ Deployed at Station E-KWT03-5 at 1145 hrs on 10/27/03.

Turbidity Calibration	Time: <u>1130</u>	Calibration Responses (NTU) # <u>37356</u>			
(Circulator ON)	Standard	PreCal	PostCal	ReCal-1	ReCal-2
<u>DLW</u> or Air		<u>5.4</u>	<u>0.0</u>	<u>0.1</u>	
<u>20</u> or		<u>23.2</u>	<u>0.0</u>	<u>19.6</u>	
Check Std <u>5</u> or read only		<u>8.8</u>	<u>0.0</u>	<u>4.1</u>	
Slope Cal <u>50</u> (must be 3.75 to 6.25 or $\pm(5\%+1NTU)$)		<u>45.1</u>	<u>49.5</u>	<u>50.1</u>	

Time Check- Hydrolab 11:37:31 Watch 11:37:30 Cleaned sensor: (Yes) or No

Created New File: E-KWT03-5-102703 IBP = 10.6V Battery used up 11/16/03

Programmed to start at 1150 hrs on 10/27/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)

Data Terminal Cap: Silicone applied: (Y) N by EAH Cap burped: (Y) N by EAH

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Sunny - approaching storm
Wind Direction: N NE E (SE) S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: 21 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y (N)
Surface Current Direction (flowing to): N and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y N

Recent Ship Traffic: Y (N)

* EST

Other Observations: Reseated gang connector on motherboard - it appeared to be loose. Multiple power losses during calibration. Sprayed Duster inside. No desiccant bag inside. Reset sensor.

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E-KWT03-

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/EAH/MGD
Calibration Date: 10/25/03

Retrieved HYDROLAB # 41154 from Station E-KWT03- 5 at 0922 hrs on 10/25/03.
Downloaded File: E-KWT03-5-102303 Checked file content: Y or N Backed up file Y or N

HYDROLAB # 41154 Deployed at Station E-KWT03- 5 at 1041 hrs on 10/25/03.

Turbidity Calibration	Time: <u>0956</u>	Calibration Responses (NTU)			
(Circulator ON)	Standard	PreCal	PostCal	ReCal-1	ReCal-2
<u>DIW</u> or Air		<u>0.0</u>	<u>0.0</u>		
<u>20</u> or		<u>17.5</u>	<u>19.9</u>		
Check Std <u>5</u> or read only		<u>2.2</u>	<u>5.3</u>		

Slope Cal 50 (must be 3.75 to 6.25 or $\pm(5\% + 1 \text{ NTU})$) 50.3 49.5
Time Check- Hydrolab 10:03:15 Watch 10:03:15 Cleaned sensor: Yes or No
Created New File: E-KWT03-5-102303 ^{CRF} _{10/25/03} IBP = 12.2V Battery used up 11/07/03
Programmed to start at 1020 hrs on 10/25/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y or N by EAH Cap burped: Y or N by EAH

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Sunny partly cloudy
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: < 1 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y N
Surface Current Direction (flowing to): N and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y/N _____

Recent Ship Traffic: Y N

Other Observations: Changed batteries - silicone in between. Sprayed Duster into battery compartment. Added padding and shortened PVC tubing spaces by 5".

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRE/EAH/MGD
Calibration Date: 10/23/03

Retrieved HYDROLAB # 41154 from Station E-KWT03-5 at 0815 hrs on 10/23/03.
Downloaded File: E-KWT03-5-102103 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 41154 Deployed at Station E-KWT03-5 at 0917 hrs on 10/23/03.

Turbidity Calibration	Time: 0840	Calibration Responses (NTU)			
(Circulator ON)	Standard	PreCal	PostCal	ReCal-1	ReCal-2
DIW or Air	20 or	0.0	0.0		
Check Std	5 or read only	22.7	20.2		
Slope Cal 50	(must be 3.75 to 6.25 or $\pm(5\%+1\text{NTU})$)	5.3	5.2		
		56.6	50.6		

Time Check- Hydrolab 08 : 42 : 43 Watch 08 : 42 : 15
Created New File: E-KWT03-5-102303 IBP = 12.2 V
Cleansed sensor: Yes or No
Battery used up 11/18/03

Programmed to start at 0920 hrs on 10/23/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)

Data Terminal Cap: Silicone applied: Y/N by EAH Cap burped: Y/N by EAH

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Partly Cloudy
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: ~1 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y (N)
Surface Current Direction (flowing to): ? and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed 0820 hrs, Time retrieved 0909 hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y/N

Recent Ship Traffic: Y/N Cruise ship approaching

Other Observations: _____

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/TWM/EAH/MGD
Calibration Date: 10/21/03

Retrieved HYDROLAB # 41154 from Station E-KWT03-5 at 1025 hrs on 10/21/03.
Downloaded File: E-KWT03-5-101903 Checked file content: (Y) or N Backed up file: (Y) or N

HYDROLAB # 41154 Deployed at Station E-KWT03-5 at 1205 hrs on 10/21/03.

Turbidity Calibration	Time: <u>1145</u> Standard	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)	<u>NIW</u> or Air	<u>0.0</u>	<u>0.0</u>		
	<u>20</u> or	<u>20.0</u>	<u>19.9</u>		
Check Std	<u>5</u> or read only (must be 3.75 to 6.25 or $\pm(5\%+1\text{NTU})$)	<u>4.2</u>	<u>4.2</u>		

Time Check- Hydrolab 11:42:00 Watch 11:41:47 Cleaned sensor: (Yes) or No
Created New File: E-KWT03-5-102103 IBP = 10.1 V Battery used up 11/06/03
Programmed to start at 1210 hrs on 10/21/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: (Y) N by EAH Cap burped: (Y) N by EAH

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Sunny
Wind Direction: N (NE) E SE S SW W NW Wind Conditions: Calm Slight (Breezy) Strong
Sea State: Calm (Slight) Rough Very Rough Approx. Wave Height: <1 ft
Tidal Stage: (Falling) Slack Low Rising Slack High
Water Mass Boundary Present: Y / N Wed line present/water looks same
Surface Current Direction (flowing to): S and Speed: _____ mph

Current Monitoring Buoy: CRF 10/21/03 DGPS Serial No. _____ Track ID: _____
Time deployed 1038 hrs, Time retrieved 1155 hrs Nominal depth to drum top: 10 ft
Obvious Cross Wind or Currents: Y / N _____

Recent Ship Traffic: Y / (N)

Other Observations: _____

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E-KWT03- 5

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/TWM/MGD
Calibration Date: 10/19/03

Retrieved HYDROLAB # 41154 from Station E-KWT03- 5 at 1014 hrs on 10/19/03.
Downloaded File: E-KWT03-5-101703 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 41154 Deployed at Station E-KWT03- 5 at 1047 hrs on 10/19/03.

Turbidity Calibration	Time: <u>1019</u> ¹⁰²⁶ _{CRF}	Calibration Responses (NTU)			
	Standard	PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)	<u>DIW</u> or Air	<u>0.0</u>	<u>0.0</u>		
	<u>20</u> or	<u>18.7</u>	<u>20.1</u>		
Check Std	<u>5</u> or read only	<u>4.3</u>	<u>4.9</u>		

(must be 3.75 to 6.25 or $\pm(5\%+1\text{NTU})$)

Time Check- Hydrolab 10:31:31 ^{DGPS} Watch 10:31:30 Cleaned sensor: Yes or No
Created New File: E-KWT03-5-101903 IBP = 10.3 V Battery used up 11/02/03
Programmed to start at 1050 hrs on 10/19/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y N by TWM Cap burped: Y N by TWM

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Clear
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: <1 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y N
Surface Current Direction (flowing to): S and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y N

Recent Ship Traffic: Y N

Other Observations: _____

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: SAC | TWM | MGD
Calibration Date: 10/17/03

Retrieved HYDROLAB # 41154 from Station E-KWT03-5 at 0940 hrs on 10/17/03.

Downloaded Filename: ~~E-KWT03-~~ Checked file content: Y or N Backed up file: Y or N
No ? Program - No DATA RECOVERED 10/15 - 10/17

HYDROLAB # 41154 Deployed at Station E-KWT03-5 at 1220 hrs on 10/17/03.

Turbidity Calibration	Time: <u>1153</u> Standard	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)	DIW or Air	<u>0.8</u>	<u>0.0</u>	<u>0.0</u>	
	50 or <u>20</u>	<u>17.8</u>	<u>19.7</u>	<u>19.8</u>	
Check Std	5 or _____ read only (must be 3.75 to 6.25 or $\pm(5\%+1\text{NTU})$)	<u>14.5</u>	<u>7.5</u>	<u>5.4</u>	

Time Check- Hydrolab GPS: _____ Watch _____: _____: _____ Cleaned sensor: Yes or No
Created New File: E-KWT03-5-101703 IBP = 12.1 V Battery used up 11/12/03 100%
Programmed to start at 1230 hrs on 10/17/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y/N by TWM Cap burped: Y/N by TWM

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: RAINY
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: 2 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y/N
Surface Current Direction (flowing to): _____ and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y/N

Recent Ship Traffic: Y/N CRUISE SHIP IN

Other Observations: UNSURE OF CAUSE & PROGRAM

Key West Background Turbidity Field Sheet Station(s) E-KWT03-5

E-KWT03-5

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: TFB, SAC, TW, M, DWH
Calibration Date: 10/13/03

Retrieved HYDROLAB # 36405 from Station E-KWT03-5 at 1100 hrs on 10/13/03.
Downloaded File: E-KWT03-5-101103 Checked file content: ☒ Y or N Backed up file: ☒ Y or N

HYDROLAB # _____ Deployed at Station E-KWT03- at _____ hrs on ____/____/03.

Turbidity Calibration (Circulator ON)	Time: _____ Standard DIW or Air 20 or _____ Check Std 5 or _____ read only (must be 3.75 to 6.25 or $\pm(5\%+1\text{NTU})$)	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
		_____	_____	_____	_____
		_____	_____	_____	_____
		_____	_____	_____	_____

Time Check- Hydrolab ____:____:____ Watch ____:____:____ Cleaned sensor: Yes or No
Created New File: E-KWT03- IBP = _____ V Battery used up ____/____/03
Programmed to start at _____ hrs on ____/____/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y/N by _____ Cap burped: Y/N by _____

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: _____
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: _____ ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y/N _____
Surface Current Direction (flowing to): _____ and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y/N _____

Recent Ship Traffic: Y/N _____

Other Observations: STATION PVC BROKEN - OUT OF SERVICE
STATION FIXED 10/15/03 - HYDROLAB DEPLOYED, NO PROGRAM. PROGRAM SET 10/17/03

Key West Background Turbidity Field Sheet Station(s) E-KWT03-5

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: TFB, ONH
Calibration Date: 10/11/03

E-KWT03-5

Retrieved HYDROLAB # 36405 from Station E-KWT03-5 at 0919 hrs on 10/11/03.
Downloaded Filename: E-KWT03-5-100903 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 36405 Deployed at Station E-KWT03-5 at 0936 hrs on 10/11/03.

<u>Turbidity</u>	Time: <u>0926</u>	Calibration Responses (NTU)			
<u>Calibration</u>	Standard	PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)	DIW or Air	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	
	50 or <u>20</u>	<u>19.8</u>	<u>19.8</u>		
Check Std	5 or _____ read only (must be 3.75 to 6.25 or $\pm(5\%+1\text{NTU})$)	<u>4.9</u>	<u>4.9-5.1</u>		
			<u>cut</u>		

Time Check- Hydrolab GPS ✓: _____ Watch _____: _____: _____
Created New File: E-KWT03-5-100903 IBP = 10.6 V Battery used up 10/27/03. 61% left
Programmed to start at 0940 hrs on 10/11/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y or N by TFB Cap burped: Y or N by TFB

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: CLOUDY

Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong

Sea State: Calm Slight Rough Very Rough Approx. Wave Height: 1.0 ft

Tidal Stage: Falling Slack Low Rising Slack High

Water Mass Boundary Present: Y / N

Surface Current Direction (flowing to): N and Speed: 1 mph

Current Monitoring Buoy: _____ DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y / N

Recent Ship Traffic: Y / N

Other Observations: _____

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Project Number: 03-7333-03
Field Team Members: TFB, ONH
Calibration Date: 10/9/03

E-KWT03-5

Retrieved HYDROLAB # 36405 from Station E-KWT03- 5 at 0845 hrs on 10/9/03.
Downloaded Filename: E-KWT03-5-100703 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 36405 Deployed at Station E-KWT03- 5 at 0910 hrs on 10/9/03.

Turbidity Calibration	Time: <u>0900</u>	Calibration Responses (NTU)				
		Standard	PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)						
	<u>DIW</u> or Air	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>		
	50 or <u>20</u>	<u>19.7</u>	<u>19.7-20.1</u>			
Check Std	<u>5</u> or _____ read only (must be 3.75 to 6.25 or $\pm(5\%+1\text{NTU})$)		<u>5.0</u>			

Time Check- Hydrolab GPS ☒ Watch ____:____:____ Cleaned sensor: Yes or No
Created New File: E-KWT03-5-100903 IBP = 10.4 V Battery used up 10/27/03. 68% left
Programmed to start at 0910 hrs on 10/9/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y or N by TFB Cap burped: Y or N by TFB

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: NA hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: PARTLY CLOUDY

Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong

Sea State: Calm Slight Rough Very Rough Approx. Wave Height: 41.0 ft

Tidal Stage: Falling Slack Low Rising Slack High

Water Mass Boundary Present: Y / N

Surface Current Direction (flowing to): N and Speed: 0.7 mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y / N

Recent Ship Traffic: Y / N

Other Observations: _____

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: TFB, ONH
Calibration Date: 10/6/03

*NEW
DEPLOYMENT*

Retrieved HYDROLAB # _____ from Station E-KWT03- at _____ hrs on ____/____/03.
Downloaded Filename: _____ Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 36405 Deployed at Station E-KWT03-5 at 1320 hrs on 10 / 7 /03.

Turbidity Calibration	Time: <u>1053</u> Standard	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)	<u>DIW</u> or Air	<u>0.2</u>	<u>0.0</u>	<u>0.0</u> ^{POST} check	
	<u>50</u> or _____	<u>48.0</u>	<u>49.9-50.1</u>		
Check Std	<u>5</u> or _____ read only (must be 3.75 to 6.25 or $\pm(5\%+1\text{NTU})$)		<u>4.8-5.0</u>		

Time Check- Hydrolab GPS SET Watch ____:____:____ Cleaned sensor: Yes or No
Created New File: E-KWT03-5-100703 IBP = 12.2 V Battery used up 11 / 02 /03. 99% left
Programmed to start at 1320 hrs on 10 / 7 /03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y/N by TFB Cap burped: Y/N by TFB

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: NH hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: PARTLY CLOUDY
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: 1-2 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y/N
Surface Current Direction (flowing to): SW and Speed: 2.5 mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y/N

Recent Ship Traffic: Y/N

Other Observations: RESET TIME TO DGPS TIME